DUPLICATE

Box 727
Kermit, Texas
June 28, 1951

File: H-420

Oil and Gas Inspector
District 1
New Mexico Oil Conservation Commission
Hobbs, New Mexico

Dear Sir:

Attached please find three copies of subsurface pressure test on our recently completed J. B. Brown No. 1, Roosevelt County, New Mexico.

This is a new pool opener and the bottom hole pressure is filed in accordance with rule No. 302.

Yours very truly,

MAGNOLIA PETROLEUM COMPANY

Ollie J. Ford, Jr.

Ollie J. Ford, Jr.
District Engineer

JWS:jw

Attach.

cc: Mr. Fred S. Wright, Jr. (2)
Mr. M. M. Keeble
Mr. J. W. Strayhorn

JUL - 2 1951

Form C-103

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Report on Initial Bottom Hole Pressure Test	X

June 28, 1951 (Date) Kermit, Texas (Place)

Following is a report on the work done and the results obtained under the heading noted above at the Magnolia Petroleum Company, (Company or Operator) J. B. Brown (Lease) Well No. 1 in the 660 N, 660 W of Sec. 6, T. 7-S, R. 34-E, N. M. P. M., Wildcat Pool Roosevelt County.

The dates of this work were as follows: 6-13-51

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on ....., 19....,

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Datum Depth, SS: 3780
Elevation: 4347
Top of Perforations 8131
Date of Test 6-13-51
Shut In Time 48
Temperature at Datum . . . . . 155°F
Total Depth 9067
P.B.T.D. 8163
Corrected Pressure
at Datum 2682

Witnessed by C. A. Miller (Name), Magnolia Petroleum Company (Company), Petroleum Engineer Assistant (Title)

APPROVED:
OIL CONSERVATION COMMISSION

Roy Yarbrough (Name)
Oil & Gas Inspector (Title)
JUL - 2 1951 (Date), 19..

I hereby swear or affirm that the information given above is true and correct.

Name Charles A. Miller

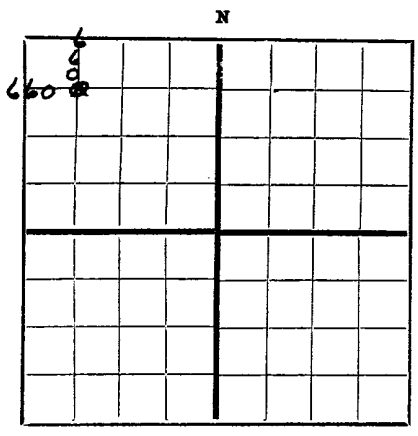
Position Petroleum Engineer Assistant

Representing Magnolia Petroleum Company (Company or Operator)

Address Box 727, Kermit, Texas

DUPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED JUN - 6 1951 OIL CONSERVATION COMMISSION HOBBS-OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Magnolia Petroleum Company (Company or Operator) Box 727, Kermit, Texas, (Address)

J. B. Brown (Lease) Well No. 1 in NW/4 of Sec. 6, T. 7-S

R. 34-E, N. M. P. M., Wildcat Field, Roosevelt County.

Well is 660 feet south of the North line and 660 feet East of the West line of Section 6

If State land the oil and gas lease is No. ..... Assignment No. .....

If patented land the owner is J. A. Brown, Address Elida, New Mexico

If Government land the permittee is ....., Address .....

The Lessee is Magnolia Petroleum Company, Address Box 727, Kermit, Texas.

Drilling commenced January 25 19 51. Drilling was completed May 22 19 51

Name of drilling contractor Magnolia Petroleum Co., Address Box 633, Midland, Texas.

Elevation above sea level at top of casing 4347 feet.

The information given is to be kept confidential until - - - - - 19.....

OIL SANDS OR ZONES

No. 1, from 8131 to 8143 No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS See Reverse

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
13-3/8	48	8-RT	H-40	364	Baker	- - -	- -	- -	Surface
9-5/8	40	8-RT	S-80						
	36	8-RT	J-55	4330	Baker	- - -	- -	- -	Intermediate
7	26	8-RT	N-80						
	26	8-RT	J-55						
	23	8-RT	N-80						
	23	8-RT	J-55	8273	Baker	- - -	8131	8143	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	364	400	Pump & Plug	- - - -	- - - - -
12-1/4	9-5/8	4330	2725	Pump & Plug	- - - -	- - - - -
8-3/4	7	8273	1190	Pump & Plug	- - - -	- - - - -

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth Set .....

Adapters — Material ..... Size .....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		See Reverse Side				

Results of shooting or chemical treatment .....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 9067 PBTD-8163 feet, and from ..... feet to ..... feet

Cable tools were used from - - - feet to - - - feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing May 30, 19 51.

The production of the first 24 hours was 194.8 barrels of fluid of which 100 % was oil; - - - % emulsion; - - % water; and - - % sediment. Gravity, Be - - - -

If gas well, cu. ft. per 24 hours - - - Gallons gasoline per 1,000 cu. ft. of gas - - -

Rock pressure, lbs. per sq. in - - -

EMPLOYEES

....., Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 5th day of June, 19 51

Notary Public in and for Winkler County, Texas

My Commission expires .....

Kermit, Texas (Place) June 5, 1951 (Date)

Name [signature]

Position District Superintendent

Representing Magnolia Petroleum Company (Company or Operator)

Address Box 727, Kermit, Texas.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION

J. B. Brown #1

FORMATION	TOP	BOTTOM	REMARKS
From top rotary drive bushing to derrick floor	0	2.3	
From top derrick floor to 13-3/8" OD casing	2.3	16.15	
Caliche	16.15	90	
Sand and shale	90	200	
Red bed and red rock	200	290	3/4° @ 19
Red bed	290	364	1-1/2° @ 342
			Set 13-3/8" OD @ [illegible] Circ. [illegible] sx.
			Tested 13-3/8" OD cas. [illegible] no break before or after drilling
ed bed and shale	364	550	
ed bed, shale and some sandstones	550	660	
ed bed and shale	660	1680	1° @ 618, 1/2° @ 1025, 1/2° @ 1534
ed bed, shale and streaks of hydrite	1680	1850	
oken anhydrite	1850	1898	
d bed and streaks anhydrite	1898	2000	
hydrite	2000	2095	
l bed and anhydrite	2095	2091	
hum anhydrite and shale	2091	2105	Top Yates 2090
ydrite and shale	2105	2140	
drite and salt	2140	2244	
drite and sand	2244	2290	
drite and salt	2290	2608	
drite and shale	2608	2884	
drite	2884	3370	1/2° @ 2830, St. @ 2889
rite and lime	3370	3420	Top San Andres 3200
rite	3420	3471	
rite and lime	3471	3559	
formation, salt or soft sand	3559	3577	
rite and lime	3577	3783	
	3783	4160	2° @ 3660, 1-3/4° @ 3710, 1-1/2° @ 3788, 1° @ 3844, 1/2° @ 4005, 3/4° @ 4095.
lime	4160	4227	
	4227	4330	3/4° @ 4232, 1/2° @ 4330
rton run Calipers	360	4323	
			Set 9-5/8" OD csng. @ 4330 w/2060 sax [illegible] gal. 316 sax salite, and 350 sax neat. Circ. [illegible] sax.
			Tested 9-5/8" OD csng. w/1600# 1 hr. no break, before or after drilling plug.
lme	4330	4380	
	4380	4400	
t and anhydrite	4400	4467	
	4467	4570	Circ. for samples for 2 hrs. @ 4470, San Andres, no shows.
shale, salt and lime	4570	4690	Top Glorietta 4475
salt and lime	4690	4751	
salt	4751	4820	1/2° @ 4745
and anhydrite	4820	4855	
nhydrite	4855	4945	

Anhydrite and lime	4945	5000	3/4° @ 4980
Anhydrite and salt	5000	5050	
Anhydrite	5050	5075	
Anhydrite and salt streaks	5075	5090	
Anhydrite and dolomite	5090	5111	
Anhydrite, dolomite and salt streaks	5111	5224	
Anhydrite and dolomite	5224	5244	1/2° @ 5230
Anhydrite, dolomite and lime	5244	5313	
Anhydrite and dolomite	5313	5456	
Anhydrite, dolomite and salt streaks	5456	5512	
Dolomite and anhydrite	5512	5600	
Shale and salt	5600	5620	
Dolomite, anhydrite and salt	5620	5669	
Dolomite and salt	5669	5706	
Dolomite and anhydrite	5706	5741	
Dolomite, anhydrite and salt streaks	5741	5794	
Dolomite, anhydrite and salt	5794	5834	1° @ 5800
Dolomite	5834	5864	
Dolomite and anhydrite	5864	5910	
Dolomite	5910	5987	
Dolomite and sand	5987	6077	
Dolomite	6077	6164	
Lime and dolomite	6164	6214	St. @ 6169
Dolomite and salt	6214	6288	
Dolomite, anhydrite and salt	6288	6322	
Dolomite and anhydrite	6322	6360	
Anhydrite	6360	6420	
Dolomite and anhydrite	6420	6678	1° @ 6454, 1° @ 6647
Dolomite and shale	6678	6702	Top Abo 6680', 259' high to A. K. Smith #1.
Shale	6702	6710	
Abo shale	6710	6812	
Abo shale and little dolomite streaks	6812	6846	
Abo shale and lime breaks	6846	6886	
Shale and lime stringers	6886	6924	
Abo blue and sticky	6924	6927	
Abo red	6927	6935	
Abo shale	6935	6948	
Blue shale	6948	6949	
Abo shale	6949	7178	
Abo shale with dolomite and anhydrite streaks	7178	7206	
Blue abo shale	7206	7216	
Abo shale	7216	7221	
Dolomite with little shale	7221	7246	
Dolomite and shale	7246	7273	
Dolomite	7273	7306	1/2° @ 7250
Shale and dolomite	7306	7336	
Dolomite	7336	7353	
Shale and dolomite	7353	7380	
Dolomite	7380	7567	
Lime	7567	7690	
Lime and shale	7690	7735	
			Top Permo Penn 7525'
8-3/4" Diamond Core Penn.	7735	7742	Rec. 7', Very shaley limestone.
No Formation Logged	7742	7746	
Lime	7746	7816	
Lime and some gyp	7816	7834	
Lime	7834	7953	
No Formation Logged	7953	7961	
Drill Stem Test	7946	7961	Permo Penn. 2 packers, 3 hrs. 5/8" BHC and 1" SS, No WS, Rec. 120' gas cut mud, BHFP 150#, 15 min. S-I BHP 300# HH 4600-4600#.
8-3/4" Diamond Core Permo Penn.	7961	7971	Rec. 10', 7961-7972 finely crystalline tan to gray stylolitic dense limestone, no shows.

Sheet #3

8-3/4" Diamond Core Permo Penn.	7971	7992	Rec. 21', Top 6' gray limestone, 3' limey shale, 3' gray limestone, 6' small vuggy limestone, 8-1/2' finely crystalline gray limestone.
8-3/4" Diamond Core Permo Penn.	7992	8023	Rec. 31', Top 7' finely crystalline gray stylolitic limestone, 3', 30% small pencil point porosity, good odor, bleeding oil and gas, 1' barren, 3', 10% small pencil point porosity, good odor, bleeding oil and gas, 3' barren, 5' 30% small pencil point porosity, good odor, bleeding oil and gas, 9' finely crystalline gray barren limestone.
Drill Stem Test	7996	8023	Permo Penn. 2 packers, 3 hrs. 5/8" BHC and 1" SC, No WC, Gas 63 min. 3.2 MCF/24 hrs. Rec. 218' heavy gas cut mud, no oil, BHFP 200-200#, 15 min. S-I BHP no record. HH 4775-4750#
Lime	8023	8024	
8-3/4" Diamond Core Permo Penn.	8024	8051	Rec. 27', Finely crystalline to coarsely crystalline shaley limestone w/several shale stringers, 8024-36' trace scattered pin point porosity very tight w/odor.
8-3/4" Diamond Core Permo Penn.	8051	8071	Rec. 20', Top 14' finely crystalline gray limestone w/green shale partings, Bottom 6' finely crystalline gray limestone w/vuggy porosity, scattered bleeding oil, good fluorescence and odor
Attempted Drill Stem Test	8051	8071	Permo Penn. Packer failed.
Drill Stem Test	8061	8071	Permo Penn. 2 packers, 3 hrs. 5/8" BHC and 1" SC, No WC, Gas 22 min. not enough to measure, Rec. 390' oil and gas cut mud, 810' slightly gas cut salt water, BHFP 390-500# 15 min. S-I BHP 1900# HH 4700-4650#.
8-3/4" Diamond Core Permo Penn.	8071	8120	Rec. 49', Finely crystalline tan limestone w/green shale partings and several shale stringers, Top 4' trace to 10% inter-crystalline and vuggy porosity, odor and fluorescence, slight bleeding gas and oil.
8-3/4" Diamond Core Permo Penn.	8120	8132	Rec. 12', Top 8' black and green shale, Bottom 4' coarse quarts stained sand, fair fluorescence and good cut.
8-3/4" Diamond Core Permo Penn.	8132	8142	Rec. 10', Top 7' coarse stained sand w/good odor and cut, 3' finely crystalline gray sand w/black shale partings, no shows.
Drill Stem Test	8088	8142	Permo Penn. 2 packers, 3 hrs. 5/8" BHC and 1" SC, No WC, Gas 4-1/2 min. Est. 1638 MCF/24 hrs. Mud 15 min. oil 20 min. cleaned in pits 40 min. Flowed 112.24 in 2 hrs. GOR 1216/1, Gravity 45.5° @ 60°, S/O 2% drlg. mud, SFP 220-210# BHFP 1685-1975#, 15 min. S-I BHP 2995# HH 4560-4515#, Rev. out all but 270' gas cut mud, no water.

8-3/4" Diamond Core Permo Penn.	8142	8152	Rec. 10', Top 9' black and gray shale, Bottom 1' dense quartz sand.
8-3/4" Diamond Core Permo Penn.	8152	8172	Rec. 20', Top 1' medium grain gray sub-angular quartz sand w/trace calcareous cement, 4' dark brown sandy micaceous shale w/abundant nodules finely crystalline brown limestone, 2' coarse grain gray shaley quartz sand, 3' black platy shale w/hairline partings of very fine grain sand, 1' finely crystalline brown limestone w/fine quartz grains and brachiopods, 7' finely crystalline dark brown to black fossiliferous limestone w/3" shale stringers, 1' apart, shale has sand grains. 2' hard black shale.
Ran Schlumberger	4317	8169	
8-3/4" Diamond Core Permo Penn.	8172	8187	Rec. 15' 8172-73 dark gray shale, 8173-77 coarse grain sub-angular quartz sand w/green and gray shale, slight odor, 20% to 10% blue fluorescence and 10% yellow fluorescence, 8177-84 green micaceous sandy shale, 8184-87 green micaceous shale w/chert inclusions.
Drill Stem Test	8168	8187	Permo. Penn. 2 packers, 1-1/2 hrs. 5/8" BHC and 1" SC, No WC, Rec. 130' drlg. mud, no shows, BHFP 50-63#, 15 min. S-I BHP 80#, HH 4600-4460#.
8-3/4" Diamond Core Permo Penn	8187	8191	Rec. 1', green shale w/gray opaque chert.
8-3/4" Diamond Core Permo Penn.	8191	8214	Rec. 23' 8191-92 green shale w/gray limestone inclusions and gray chert, 8195-97 finely crystalline gray limestone, w/green shale stringers, 8197-98 fine grain gray quartz sand, no shows, 8198-99 green sandy shale, 8199-8204 green and gray shale w/finely crystalline tan limestone, 8204-14 finely crystalline tan to brown limestone <u>Top Mississippian 8204</u>
8-3/4" Diamond Core Mississippian	8214	8260	Rec. 46' 8214-21 finely crystalline gray limestone trace vertical fractures, 8221-27 finely crystalline red to brown limestone w/shale and chert; 8227-37 finely crystalline fossiliferous limestone, 8238-46 finely crystalline tan limestone, good odor, 10 to 20% inter-crystalline porosity, 100% blue fluorescence, 8246-47 finely crystalline tan limestone trace inter-crystalline porosity, 8250-60 finely crystalline gray to tan limestone.
Drill Stem Test	8210	8260	Miss. . 2 packers, 3 hrs. 5/8" BHC and 1" SC, No WC, Gas 31 min. too small to measure, Rec. 360' oil and gas cut mud, 225' heavy oil and gas cut mud, 765' salt water, BHFP 80-550#, 15 min. S-I BHP 870#. HH 4630-4410#.

Sheet #5

8-3/4" Diamond Core Mississippian	8260	8273	Rec. 13' [illegible] finely crystalline tan [illegible] fossiliferous limestone w/stylolitic and [illegible] partings, trace horizontal [illegible] 8268-72 finely crystalline [illegible] fossiliferous limestone, [illegible] finely crystalline tan [illegible] fossiliferous limestone, 80-90% spotted yellow fluorescence.
Halliburton run Calipers		8268	
Halliburton run Temp. Survey			[illegible] 8292, limestone [illegible] Appr[illegible] 8272 [illegible] Tests [illegible] break 160. [illegible] 1 hr. no [illegible] ing ping.
Lime	8273	8276	
No Formation Logged	8276	8277	
			Sta. 8272
Lane Wells run Gamma Ray and Neutron log	0	8285	
Lime and chert	8287	8305	St. @ 829
Lime	8305	8329	
Lime and chert	8329	8335	
Lime and shale	8335	8355	
Lime and chert	8355	8369	
Shale and lime	8369	8370	
Gumbo shale	8370	8382	
Gumbo shale and lime	8382	8403	
Gumbo shale	8403	8432	
Lime and shale	8432	8464	Circ. for samples
			Top Woodford 8440
Sticky shale	8464	8477	
Shale gumbo and sand	8477	8485	
Lime	8485	8498	
Lime and sand	8498	8502	
Lime, sand and chert	8502	8507	Drilling break 8502-8507, 35-40 \ 20 MFF.
6-1/8" Diamond core	8507	8517	Rec. 11', Top 5' very dense gray limestone, 6" black shale, 2' very dense gray limestone, 3-1/2' black shale.
Shale and lime	8517	8528	
Lime and sand	8528	8541	
Lime and shale	8541	8550	
Lime	8550	8552	
Sandy lime	8552	8569	
Lime	8569	8580	
			Top Devonian 8570', 960' high to A. K. Smith #1.
Drill Stem Test	8565	8580	Devonian, 2 packers, 1 hr. 5/8" BHC and 1" SC, No WC, Rec. 60' drlg. mud, no shows, BHFP 0-400#, 15 min. S-I BHP 400# HH 4300-4300#.
[illegible]nd Core Devonian	8580	8590	Rec. 10', Top 9' finely crystalline dense dolomite 1', 20% 1/8" vugs, slight sulphur odor, no fluorescence.

6-1/8" Diamond Core Devonian	8590	8600	Rec. 10', Finely crystalline to medium crystalline tan gray dolomite, 10% pin point porosity sour odor, no fluorescence.
Drill Stem Test	8580	8600	Devonian, 2 packers, 1 hr. 5/8" BHC and 1" SC, No WC, Rec. 120' drlg. mud, no shows, All BHP zero, HH 4500-4400#.
6-1/8" Diamond Core Devonian	8600	8617	Rec. 17', Top 9' finely crystalline to coarsely crystalline white fractured dolomite salty, no fluorescence, 20% fractured porosity, Bottom 8' finely crystalline tan to light gray limestone, dense.
Drill Stem Test	8600	8617	Devonian, 2 packers, 2-1/2 hrs. 5/8" BHC and 1" SC, No WC, Rec. est. 1600' salty brackish water, lost all but 350', no oil or gas, BHFP 0-720#, 15 min. S-I BHP 2925#, HH 4450-4450#.
Lime	8617	8627	Circ. for samples for 3 hrs. @ 8627
Dolomite and lime	8627	8641	
Lime	8641	8695	Circ. for samples for 3 hrs. @ 8647.
			Top Fusselman 8680'.
Drill Stem Test	8670	8695	Fusselman, 2 packers, 1 hr. 5/8" BHC and 1" SC, No WC, Rec. 570' drlg. mud, no shows, BHFP 300-425#, 15 min. S-I BHP 1600#, HH 4400-4375#.
Lime	8695	8767	1/2° @ 8745.
			Top Montaya 8760'
Dolomite and lime	8767	8781	
Lime	8781	8821	
Lime, chert and dolomite	8821	8836	
Lime and chert	8836	8897	
Lime	8897	8929	8917-8920 porosity and little stain.
Drill Stem Test	8916	8929	Montaya, 2 packers, 1 hr. 5/8" BHC and 1" SC, No WC, Rec. 100' drlg. mud, no shows, slight sulphur odor, BHFP 0-200# 15 min. S-I BHP 2775#, HH 4625-4400#.
Lime	8929	8946	
			Top Ellenberger 8945'.
Dolomite and lime	8946	8994	
Lime and chert	8994	9004	
Lime	9004	9041	
Sandy lime	9041	9045	
			Top Pre-Cambrian 9045'
Granite wash	9045	9052	
6-1/8" Diamond Core Ellenberger	9052	9067	Rec. 15', Gray granite porphyry
Drill Stem Test	8940	9067	Ellenberger, 2 packers, 2 hrs. 5/8" BHC and 1" SC, No WC, Rec. 90' drlg. mud, 7200' salt water, no gas or oil, BHFP 172-3375#, 15 min. S-I BHP 3375# HH 4800-4450#.
Ran Schlumberger	8264	9065	
Plug back w/67 sax cement	9067	8707	
Plug back w/67 sax cement	8707	8442	

Sheet #7

			Set Baker C-I Retainer @ 8150.
Squeezed	8273	8442	w/68 sax common, 2000-4500#.
			Drill pipe found top cement 8157
Lane Wells ran Gamma Ray and Neutron Log		8163	
PBTD Corrected by Gamma Ray and Neutron Log	8157	8163	
Western Co. Perf. 7" OD	8131	8143	w/6 SPF Bullets.
			Ran 2" tubing to 8161.
Western Co. acidized	8131	8143	w/1000 gals. mud acid, TP 1000-1800-2800#, CP 1000-2600-2200#, 22 min. 1.1 BPM.

RRC Potential Test: Flowed 194.8 bbls. oil 24 hrs. 1/4" choke, GOR 1648/1, Gravity 47.6° @ 60°, S/O 4/10 of 1% BS and AW, Daily Allow. 156 BOPD, Est. 24 hrs. capacity 195 BOPD, TP 380-325#, CP 100-900#, 8 BPH.

Total Depth Drilled	9067
Total Depth Casing Set	8273
Plug Back Total Depth	8163.